

FIG. 1

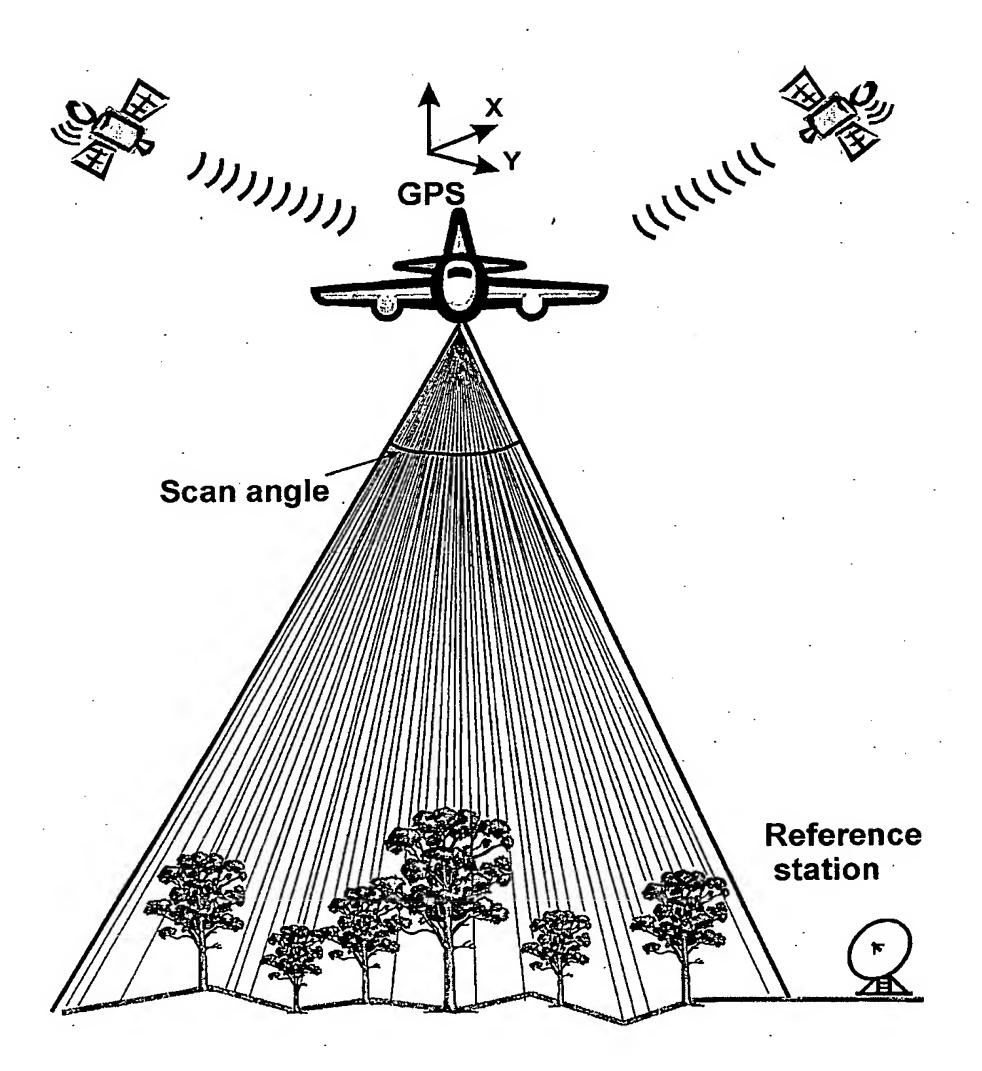
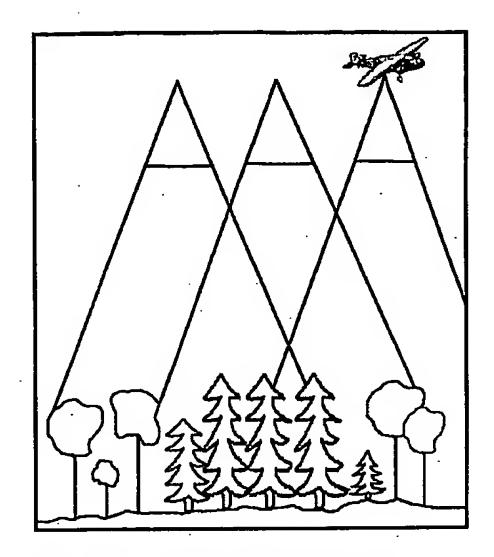
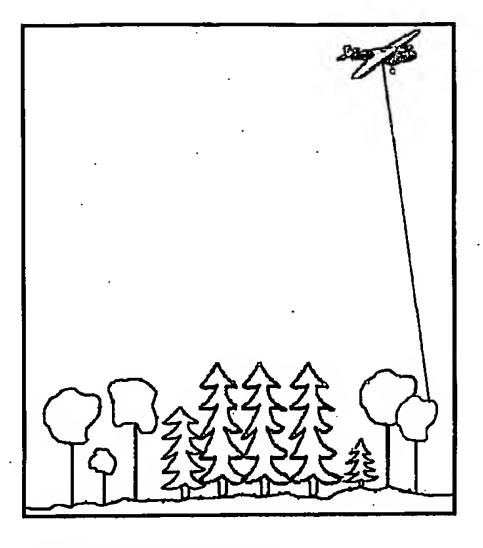


FIG. 2



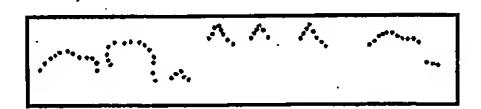
AERIAL PHOTOGRAPHY



LASER SCANNING



Point cloud describing the tree crown calculated from laser observations



Photogrammetrically densified point cloud

FIG. 3

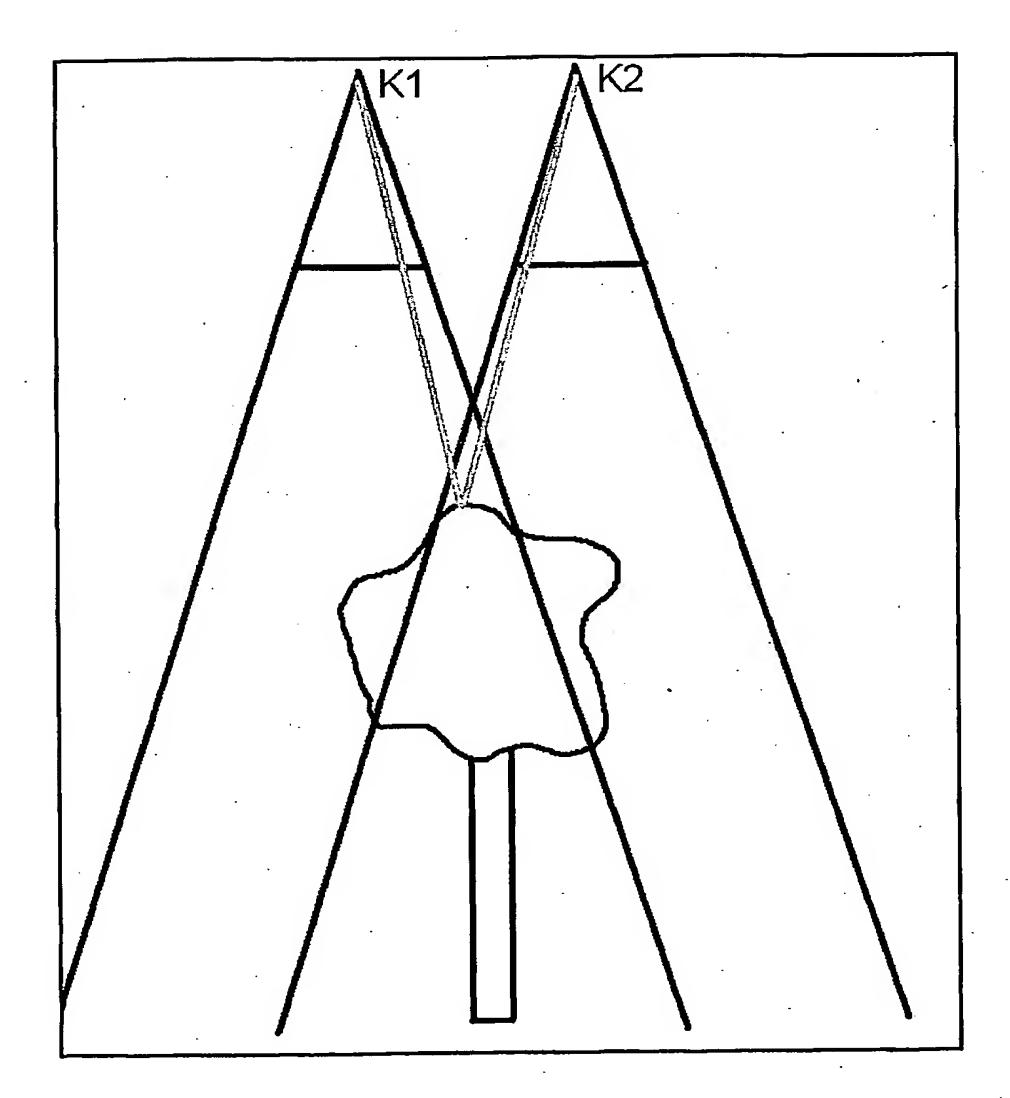


FIG 4 Principle of photogrammetric point measurement. The same target is observed from two overlapping images and the XYZ-target coordinate is calculated as a forward intersection in the space.

FIG. 4

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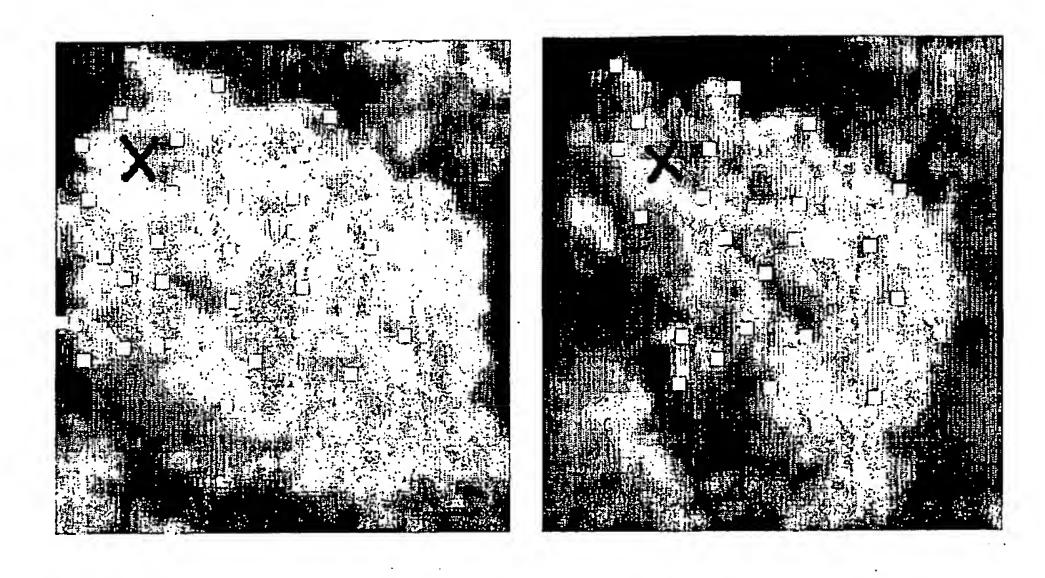


Fig. 5 Laser observation marked with x, the added points are white squares

FIG. 5

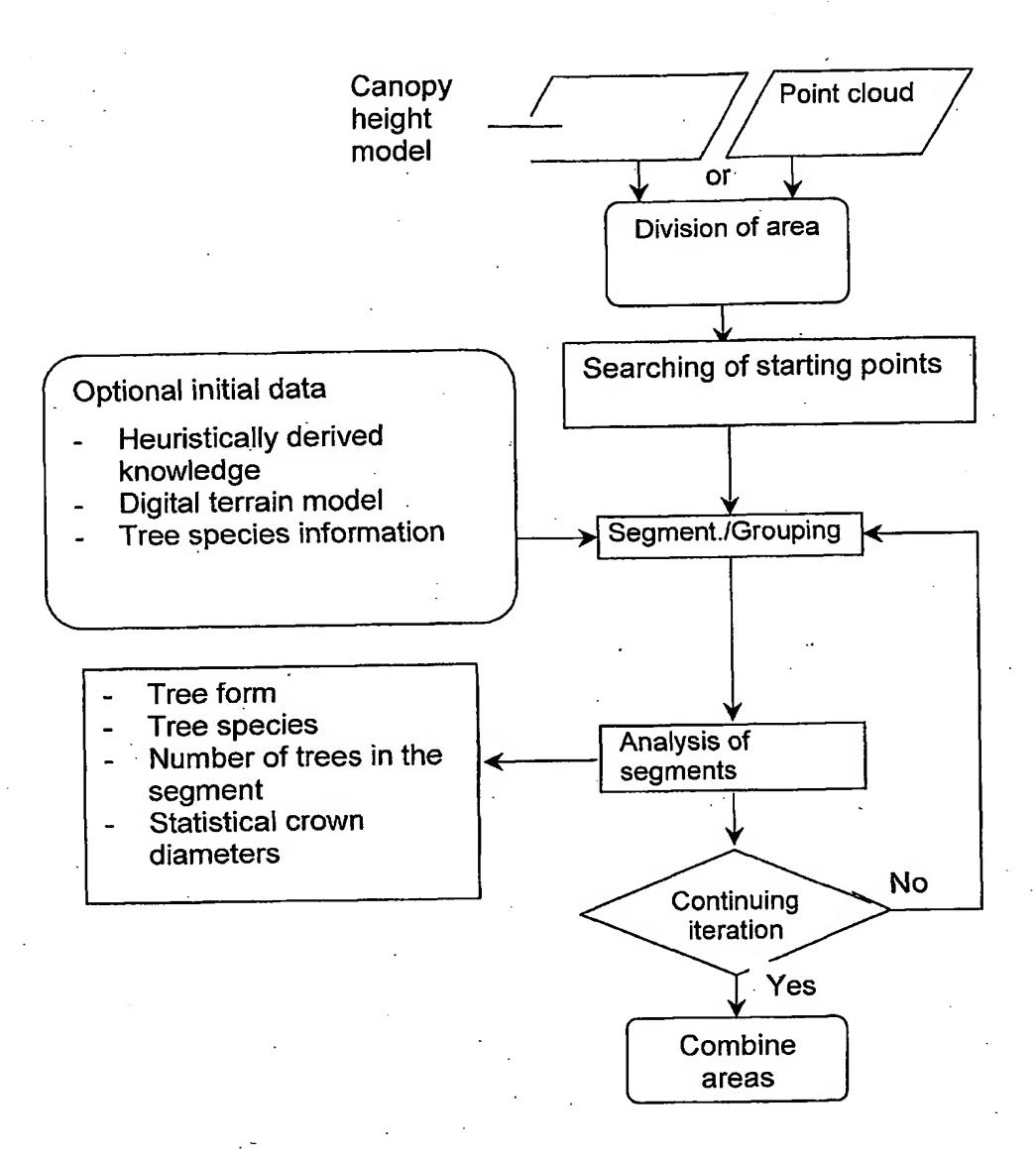


FIG. 6

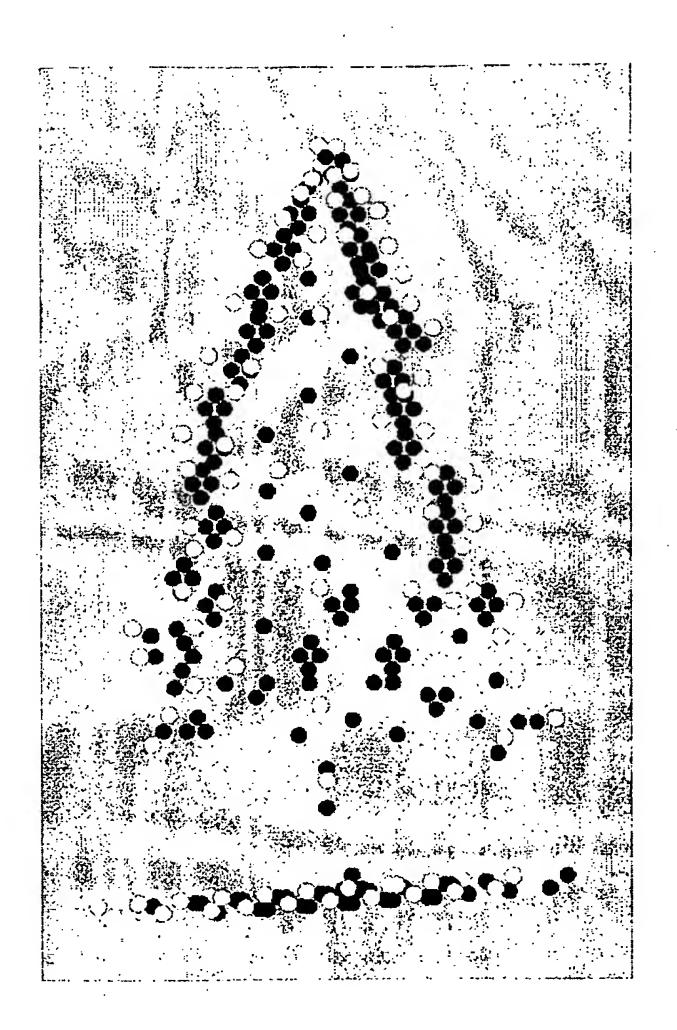


FIG. 7

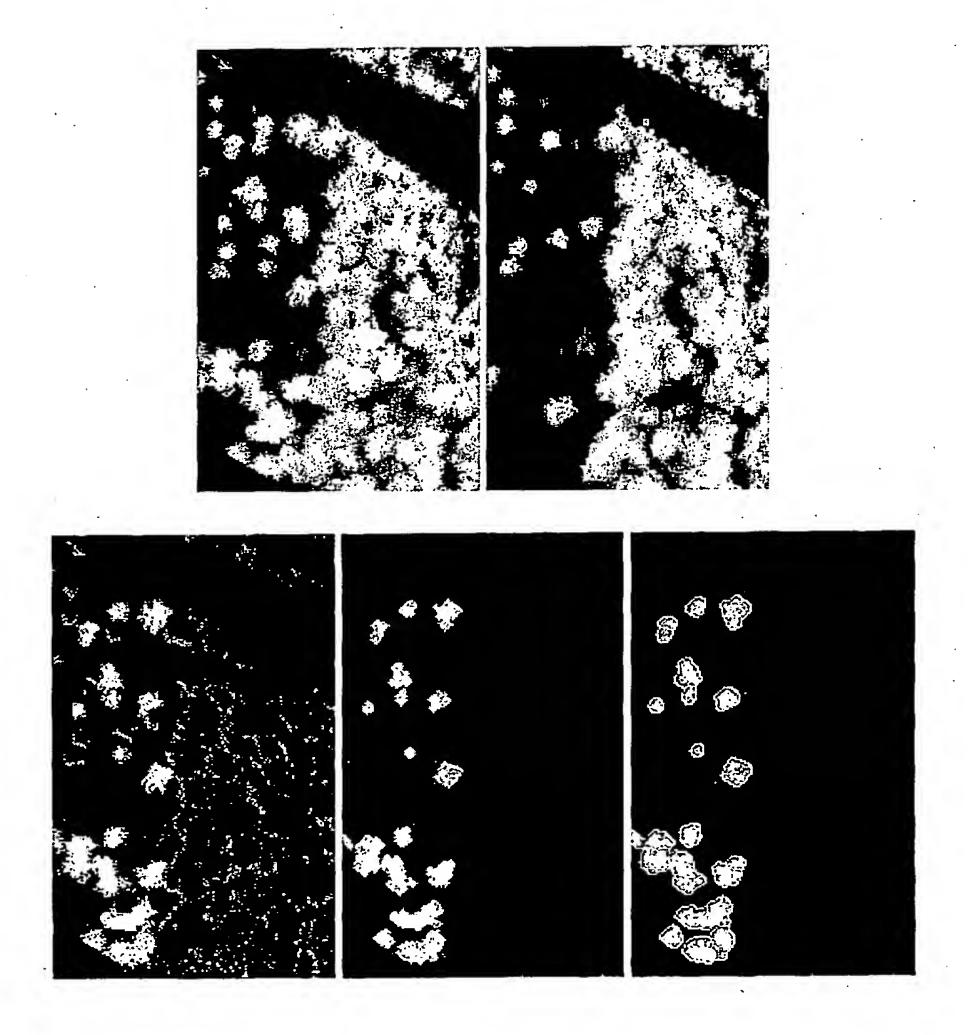


FIG. 8

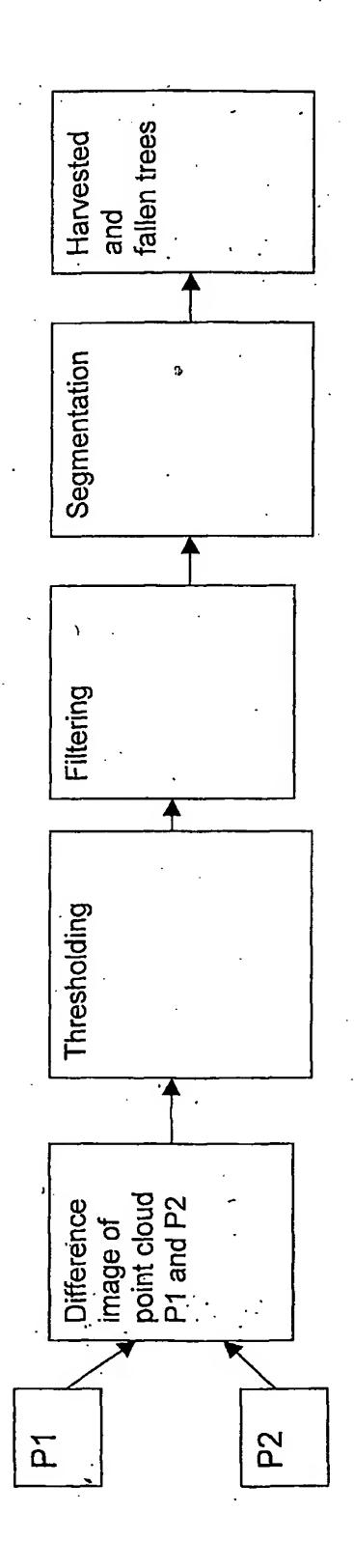


FIG. 9

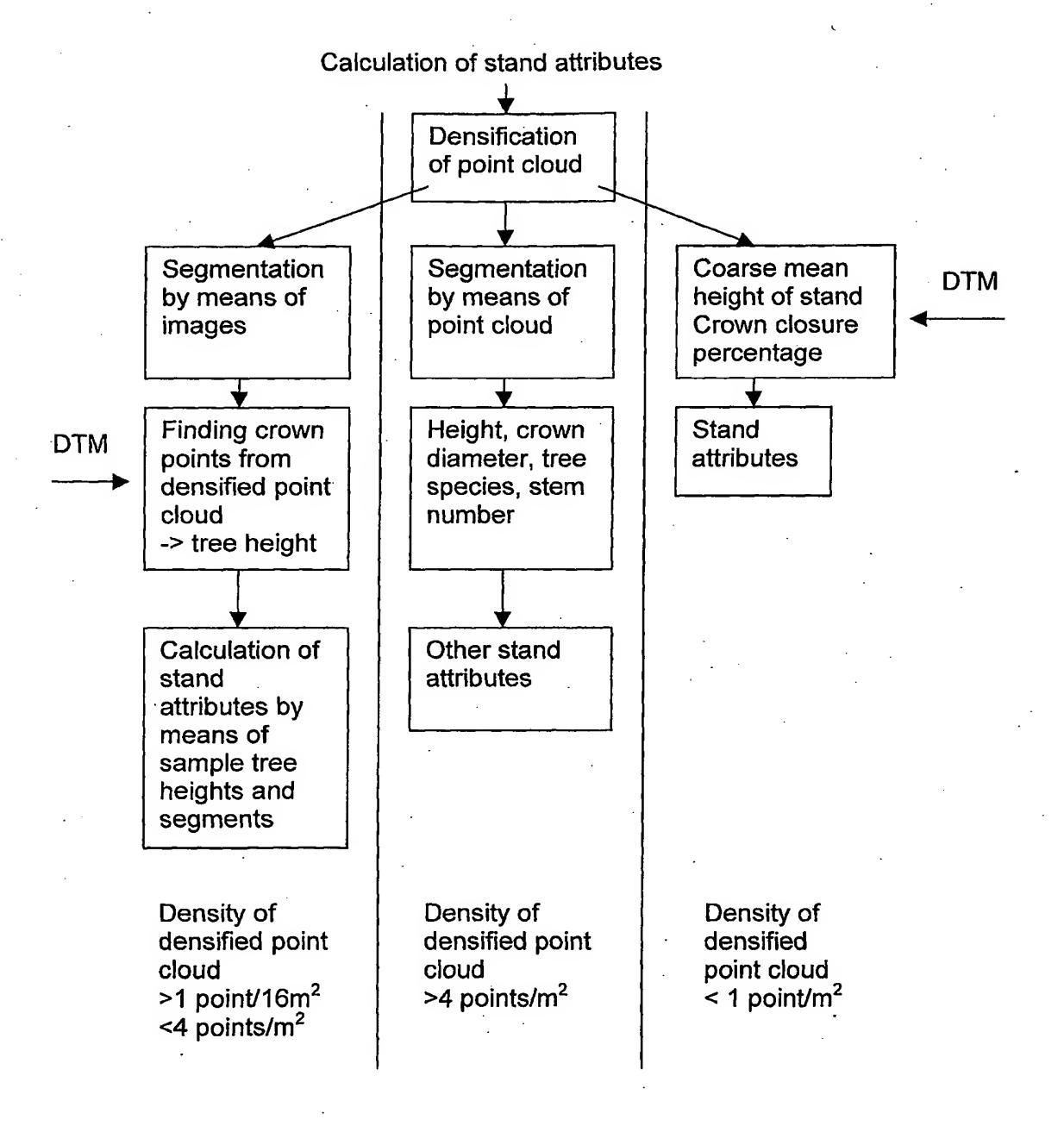


FIG. 10

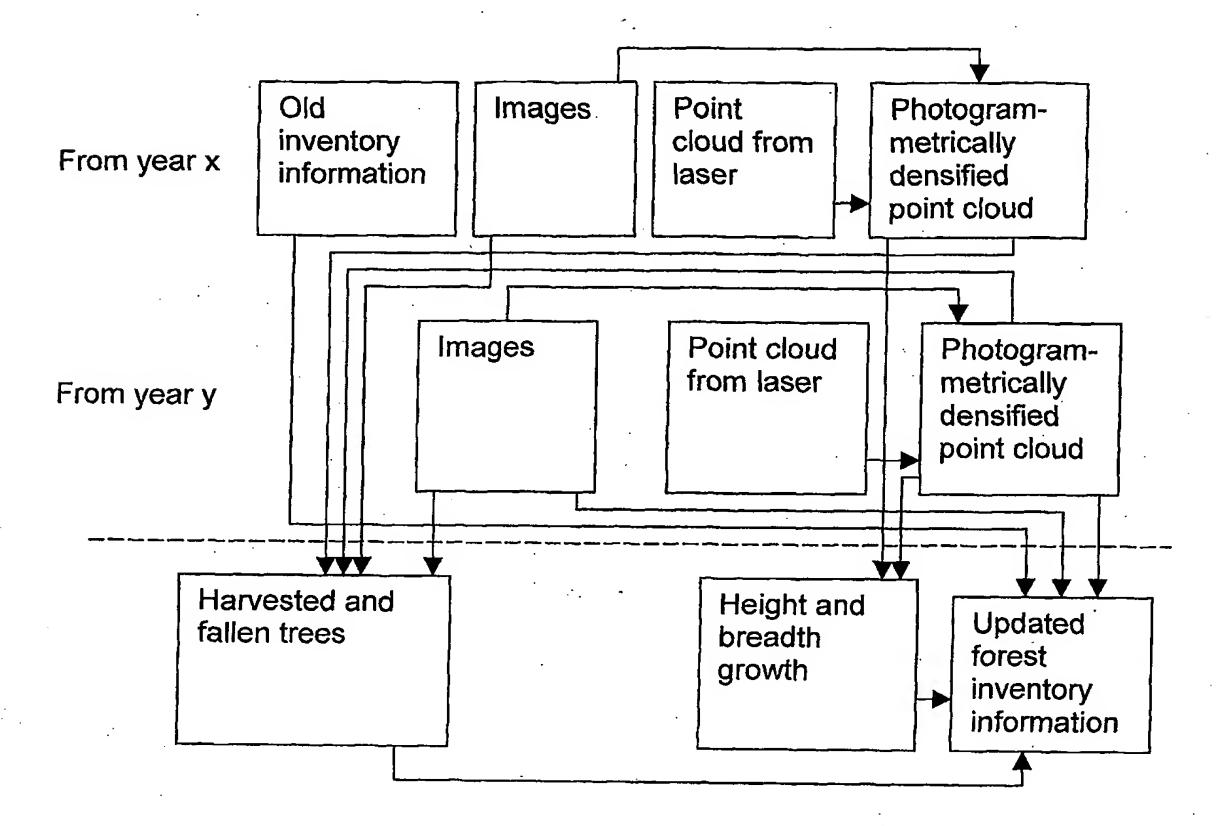


FIG. 11